Ex. No: 7 Settly and configure a LAN

Aim: To setup and configure a LAN using a switch and ethernet cables in your tab.

How to Jet up a LAN:

Step 1: Plan and delign an appropriate petwork topology taking into account notwork requirements

Step 2: You can Jake 4 Computers, a switch with 8, 16 or 24 ports which is sufficient Jose network of these singular

step 3: Connect your computers to network surtch via on Ethornot cable, which is as simple as plugging one and of the Ethernot cable into your computer

Step 4: Assign IP address to your PC

- 1. log on to the client computer as administrator
- 2- dick retwork and internet.
- 3 Right click local Arla connection/ Ethernot > Co do properties -> Select a Internet protocol (TCP)

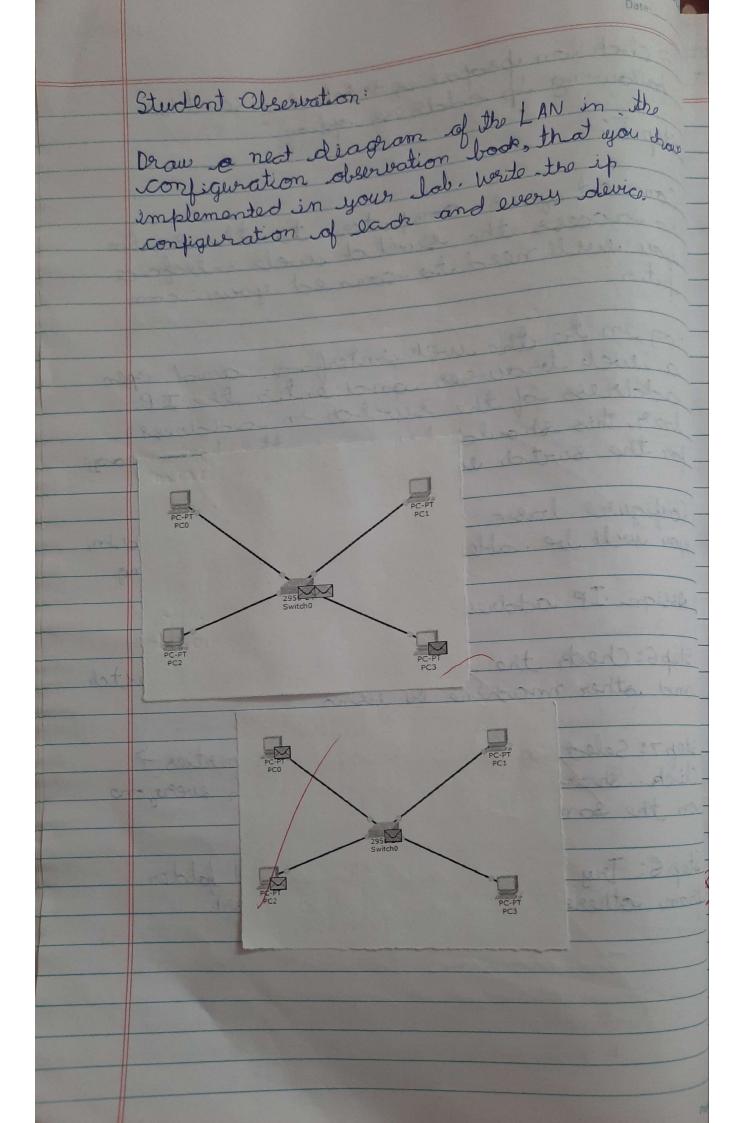
Step 5:

- to access the switch web interfacea you will need to connect your competer
- 2. log in to the web interface: and open a web browser and enter the IP address of the switch in address bar. This should bring up the Jagin page for the switch wel & interface.
 - 3. Configure basic settings: Once your logged in,
 - 4) Assign IP address.

Step 6: Check the connectivity between switch and other madine by using

Step 7: Select o folder -> go to properties -> Click. Shoring tab -> Share it with everyone on the same LAN.

Step 8: Try recess and the shared folder from others computers of the network.



Date

IP address to all the PC-S connected to swilde

PC 1 - IP address: 10.1.1.3, subnet mask 255.0.0.0
PC 3 - IP address: 10.1.1.3, subnet mask 235.0.0.0
PC 3 - IP address: 10.1.1.3, subnet mask 255.0.0.0
PC 4 - IP address: 10.1.1.4, subnet mask 255.0.0.0

Besult:

The configuration of a LAN eving a switch and ethernet cables in the late is implemented.